

Pick the best answer. Underline, circle the letter, circle the whole answer, whatever.

- 01) What port does https typically run on? (Hint: If unsure, look in /etc/services)
a) 22 b) 25 c) 80 d) 443
- 02) The GNOME desktop started because the QT license wasn't free enough at the time.
True False
- 03) The J flag of the tar command provides what compression type?
a) gzip b) jar c) xz d) zip
- 04) What program is used to read the systemd journal?
a) systemctl b) firewall-cmd c) journalctl d) zless
- 05) All of the following programs are part of the bind-utils package except...
a) whois b) dig c) host d) nslookup
- 06) The following details are needed for manual network configuration except...
a) IP address b) Default gateway c) DNS server d) DHCP server
- 07) The Linux kernel has a new version released about every 2.75 months. (Homework 4)
True False
- 08) /etc/hosts is consulted for what type of information?
a) Network routes b) Available network devices
c) Service names and associated ports d) IP to hostname mapping
- 09) All Window Managers and Desktop Environments work with Wayland.
True False
- 10) Which file provides a list of common ports and services?
a) /etc/sysconfig/iptables b) /etc/services
c) /var/spool/services d) /etc/ports
- 11) If a new Linux kernel package is installed, you need to reboot to use the newer kernel?
True False
- 12) Which of the following copy utilities offers bit-by-bit (block-based) backups?
a) clonezilla b) rdiff-backup c) scp d) rsync
- 13) What is currently a work-in-progress to replace X11?
a) Wayland b) XFree86 c) MirAcle d) GNOME 5
- 14) If an IP-to-hostname entry is found in /etc/hosts, an external DNS query is still done.
True False

15) The firewall-cmd command's --permanent flag writes your change to the system configuration so it will survive a reboot.

True

False

16) What do you run on a Red Hat-based system to check for, download and install updates?

a) dnf update

b) dnf repolist

c) apt-get update

d) rpm -Uvh

17) Where is the nameserver configuration set?

a) /etc/bind.conf

b) /etc/services

c) /etc/networks

d) /etc/resolv.conf

18) On subsequent runs, rsync will only transfer changed files and then often only the changed pieces.

True

False

19) Which admin command is used to manage firewall rules?

a) firewall-cmd

b) firewallld

c) iptables

d) systemctl

20) The X11 X Window system was created with network transparency in mind.

True

False